

Nur für Forschungszwecke

Cystatin C Polyklonaler Antikörper

Katalog-Nr.:12245-1-AP

26 Publikationen



Allgemeine Informationen

Katalog-Nr.: 12245-1-AP	GenBank-Zugangsnummer: BC013083	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 900 µg/ml von Nanodrop;	GeneID (NCBI): 1471	Empfohlene Verdünnungen: WB 1:2000-1:16000
Wirt: Kaninchen	Vollständiger Name: cystatin C	IP 0.5-4.0 ug für IP und 1:500-1:2000 für WB
Isotyp: IgG	Berechnete Masse: 146 aa, 16 kDa	IHC 1:50-1:500
Immunogen Katalognummer: AG2890	Beobachtete Masse: 13 kDa	IF 1:20-1:200

Anwendungen

Geprüfte Anwendungen:

IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

IF, IHC, WB

Getestete Reaktivität:

Human, Maus

Zitierte Arten:

Hausschwein, Human, Maus, Ratte

Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB: Caco-2-Zellen, fetales humanes Hirngewebe, HeLa-Zellen, HepG2-Zellen, humanes Hirngewebe, Maushirngewebe, U2OS-Zellen, U-87 MG-Zellen

IP: Caco-2-Zellen,

IHC: humanes Nierengewebe, humanes Eierstockgewebe, Mausnierengewebe

IF: HeLa-Zellen,

Hintergrundinformationen

Cystatin C is a 13-kDa inhibitor of cysteine proteinases which is secreted by all cell types and is completely cleared from the organism through glomerular filtration, shown to be an early and sensitive biomarker of renal dysfunction. It is also used as an emerging biomarker in cardiovascular disease. Cystatin C is involved in a variety of inflammatory reactions. The concentration of serum cystatin C has also been shown to be unaltered in certain inflammatory conditions or other disorders of metabolism. The plasma level of serum cystatin C can be expressed as its level of generation from cells and diet and its subsequent elimination through the gut, liver, and kidneys.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Yan Yan	26617717	Int J Clin Exp Pathol	IHC
Xiao-Lin Jiang	36309912	Aging (Albany NY)	WB
He Tai	36279396	Aging (Albany NY)	WB

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

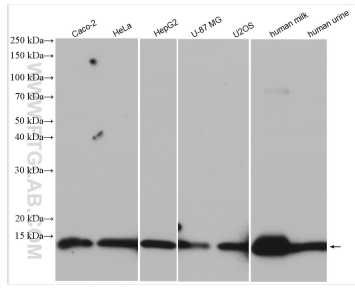
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

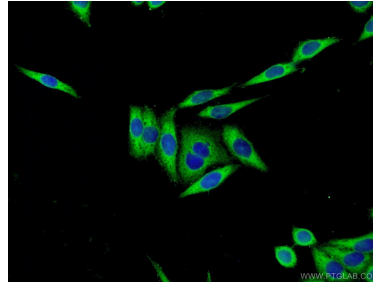
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

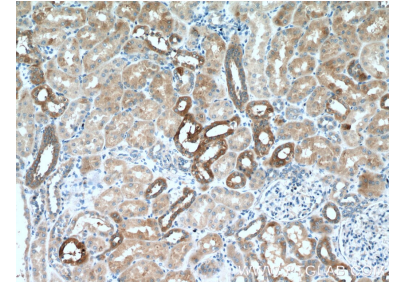
Ausgewählte Validierungsdaten



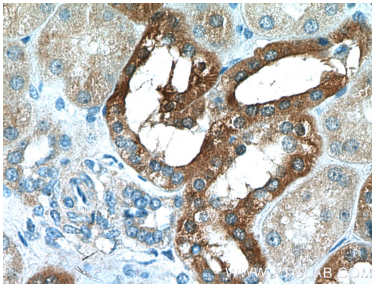
Various lysates were subjected to SDS PAGE followed by western blot with 12245-1-AP (Cystatin C antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



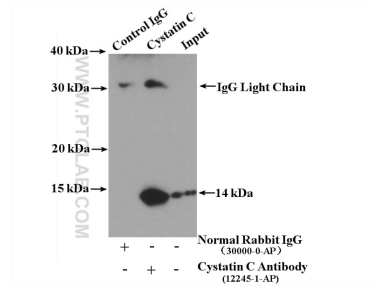
Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using 12245-1-AP (Cystatin C antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 12245-1-AP (Cystatin C Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 12245-1-AP (Cystatin C Antibody) at dilution of 1:200 (under 40x lens).



IP Result of anti-Cystatin C (IP:12245-1-AP, 4ug; Detection:12245-1-AP 1:1000) with Caco-2 cells lysate 2000ug.